



337996
RECEIVED
OPPT CBIC

2011 SEP -8 AM 6:06

The Dow Chemical Company
Midland, MI 48674
USA

1803 BUILDING
September 6, 2011

CONFIDENTIAL BUSINESS INFORMATION 40 CFR 2.201-2.215

FED EX

Document Processing Center (7407M)
(Attn: TSCA Section 8(e) Coordinator)
Office of Pollution Prevention and Toxics
U.S. Environmental Protection Agency
1201 Constitution Avenue, NW
Washington, DC 20004-3302



Generic Name: Mixture of Sulfonated Alkanes

Dear Sir/Madam:

The following information is being submitted by The Dow Chemical Company (Dow) pursuant to current guidance issued by EPA indicating EPA's interpretation of Section 8(e) of the Toxic Substances Control Act. Dow has made no determination as to whether a significant risk of injury to health or the environment is actually presented by the findings.

A Maximization Assay Test using 20 male Hartley Albino Guinea pigs was performed by administering the test substance by intradermal injection, and dermal application. Days 1 and 7 were induction days where test animals received 6 injections of 0.1 mL with 50% of the test substance in Freund's Complete Adjuvant. On day 7, treatment animals also received 0.5 mL (neat) dermal application with 48 hour exposure duration. On day 20, test animals received a dermal application of 0.4 mL, 50% in distilled water for 24 hour exposure duration.

In this Guinea pig Maximization Assay, 17 out of 20 animals responded with a skin sensitization score ≥ 1 .



Company Sanitized

Questions may be addressed to the undersigned.

Sincerely,

Alicia M Fitzpatrick

Alicia M. Fitzpatrick

PH: 215-785-7033

FAX: 215-785-7227

E-MAIL: afitzpatrick@dow.com

bls

Attachment